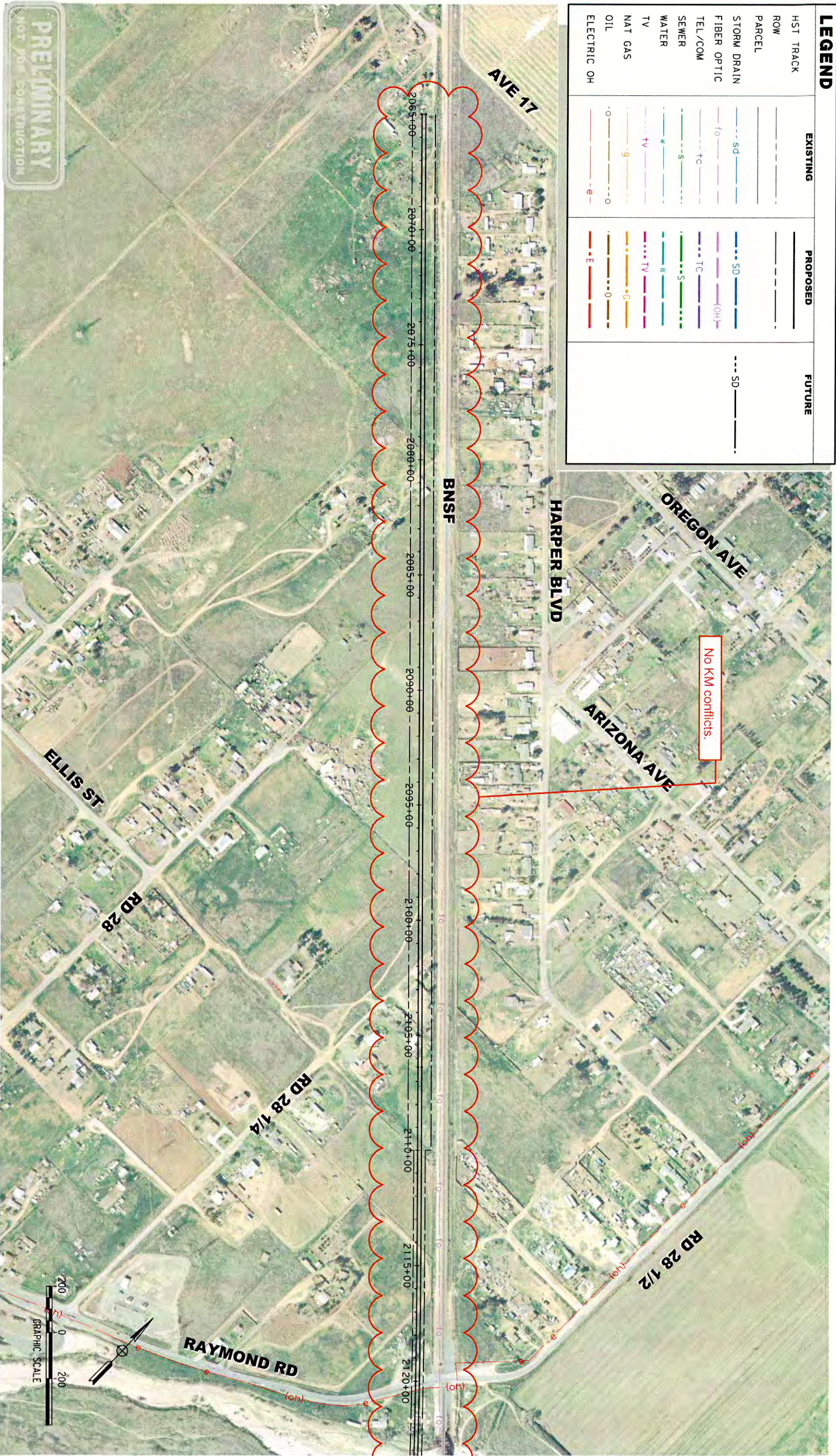


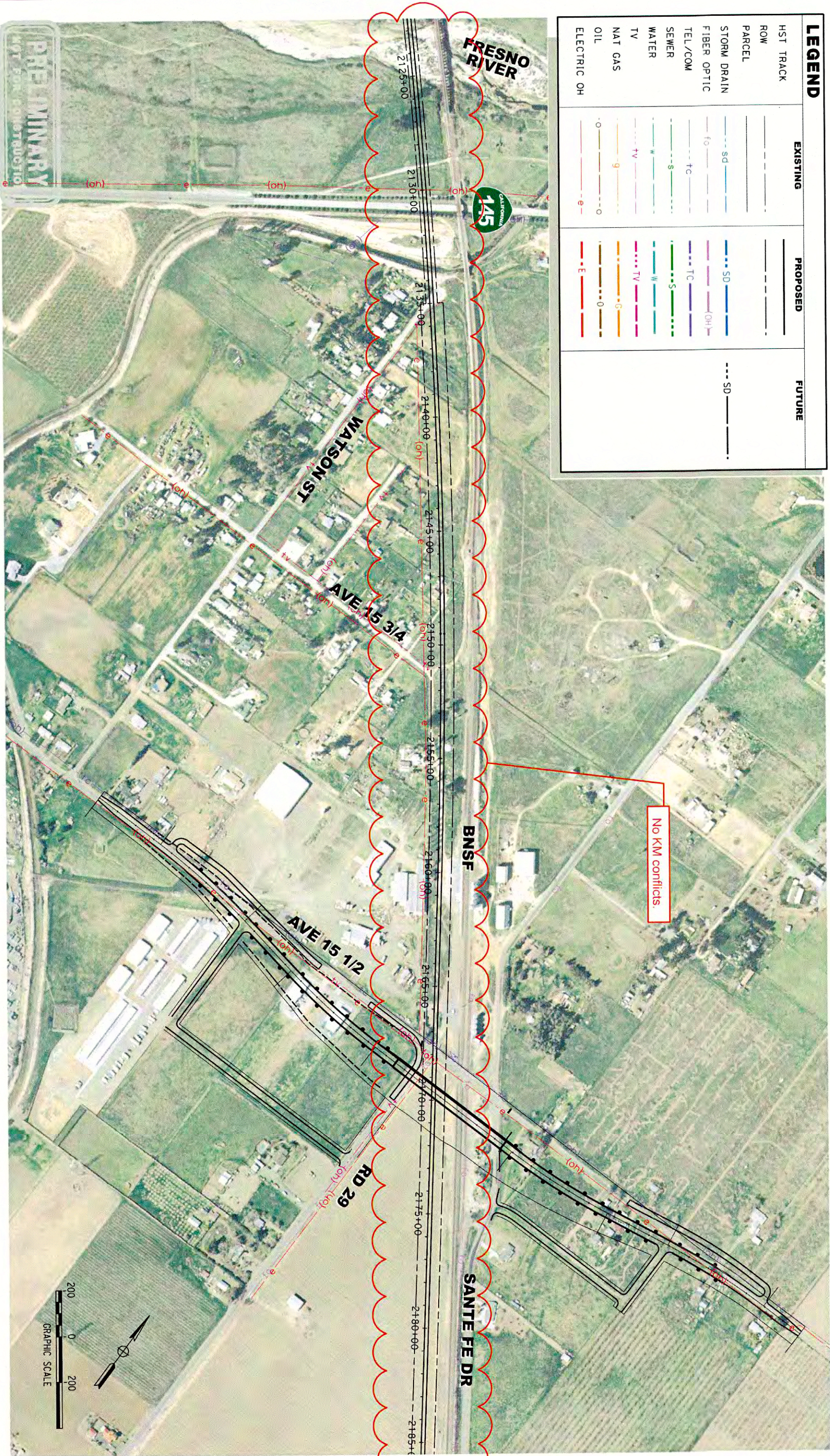
Possible List of KM conflicts with CHSTP Construction Package #1

Poss. Conflict	EHS-UT_All.pdf Sheet No#	CHSRP Station	KM Align Sheet	LS 60 KM Station	Type	Description
1	11/12	1745+00		6856+95	I,P	Aerial Crossing over LS 60 S. of San Joaquin River. Near San Joaquin River Block Valve South. Protect from structural supports, falsework, equipment & overhead hazards.(steel plates & inspection)
2	13	S10535+81		6943+00	I,P	Veterans Blvd, Overpass construction. Protect from structural supports, falsework, equipment & overhead hazards. (steel plates & inspection)
3	14	S10591+70		7000+00	I, P, R	Herndon Canal - New Storm Drain. Depends on details, minimum inspection & protection, possible relocation.
4	14	S10630+70		7039+00	I, P	W. Shaw Ave - Overpass & Water Line. Protect from structural supports, falsework, equipment & overhead hazards. (steel plates & inspection) Observe/protect waterline crossing.
5	15	S10647+00		7055+00	I,P	W. Santa Anna: New 48" storm drain paralleling KM. (depends on distance from LS 60)
6	15	S10657+00	239	7062+70	I,P,R	W. Bendel: New Storm Drain. Depends on details, minimum inspection & protection, possible relocation.
7	15	S10664+25		7073+22	I,P	-----; New Waterline crossing & parallel construction
8	16	S10701+75	241	7111+00	I,P	Ashlan Ave; Overpass & Water Line. Protect from structural supports, falsework, equipment & overhead hazards. (steel plates & inspection) Observe/protect Stormline parallel.
9	17	S10806+00	244	7215+00	IP	Clinton Ave: Overpass. Protect from structural supports, falsework, equipment & overhead hazards. (steel plates & inspection)
10	18	S10841+00	245	7251+00	I,P	McKinley Ave; Overpass & Water Line. Protect from structural supports, falsework, equipment & overhead hazards. (steel plates & inspection) Observe/protect waterline crossing. Storm Drain parallel observation.
11	18	10875+89	246	7286+10	I,P,R	W. Olive: Overpass & Water Line& Storm Drain. Protect from structural supports, falsework, equipment & overhead hazards. (steel plates & inspection) Observe/protect waterline crossing. Storm Drain may require relocation.
12	19	S10910+92	248	7320+50	I,P,R	Belmont: Overpass & Water Line. Protect from structural supports, falsework, equipment & overhead hazards. (steel plates & inspection) Observe/protect waterline crossing.
13	20	S10992+00	252	7402+00	I,P,R	Fresno: Underpass: minimum Inspect & Protect, relocation depends upon design/construction details.
14	21	S11063+00	254	7462+63	IPR	Van Ness: New Storm Drain. Depends on details, minimum inspection & protection, possible relocation.
15	22	S11079+50	255	7491+00	I,P,R	Belgravia: New Storm Drain. Depends on details, minimum inspection & protection, possible relocation.
16	25	S11257+15	2 (119A)	21+11 (119A)	I,P,R	LS 119A crossing: North of E. Malagra Avenue: relocation depends upon design/construction details.
17						
18						
19						
20						

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LEGEND		
EXISTING	PROPOSED	FUTURE
HST TRACK		
ROW		
PARCEL		
STORM DRAIN	SD	SD
FIBER OPTIC	FO	
TEL/COM	TC	
SEWER	S	
WATER	W	
TV	TV	
NAT GAS	G	
OIL	O	
ELECTRIC OH	E	



MARCH 2012



CALIFORNIA HIGH-SPEED TRAIN PROJECT

UTILITY EXHIBIT
HYBRID ALTERNATIVE
COUNTY OF MADERA
SHEET 2 OF 25

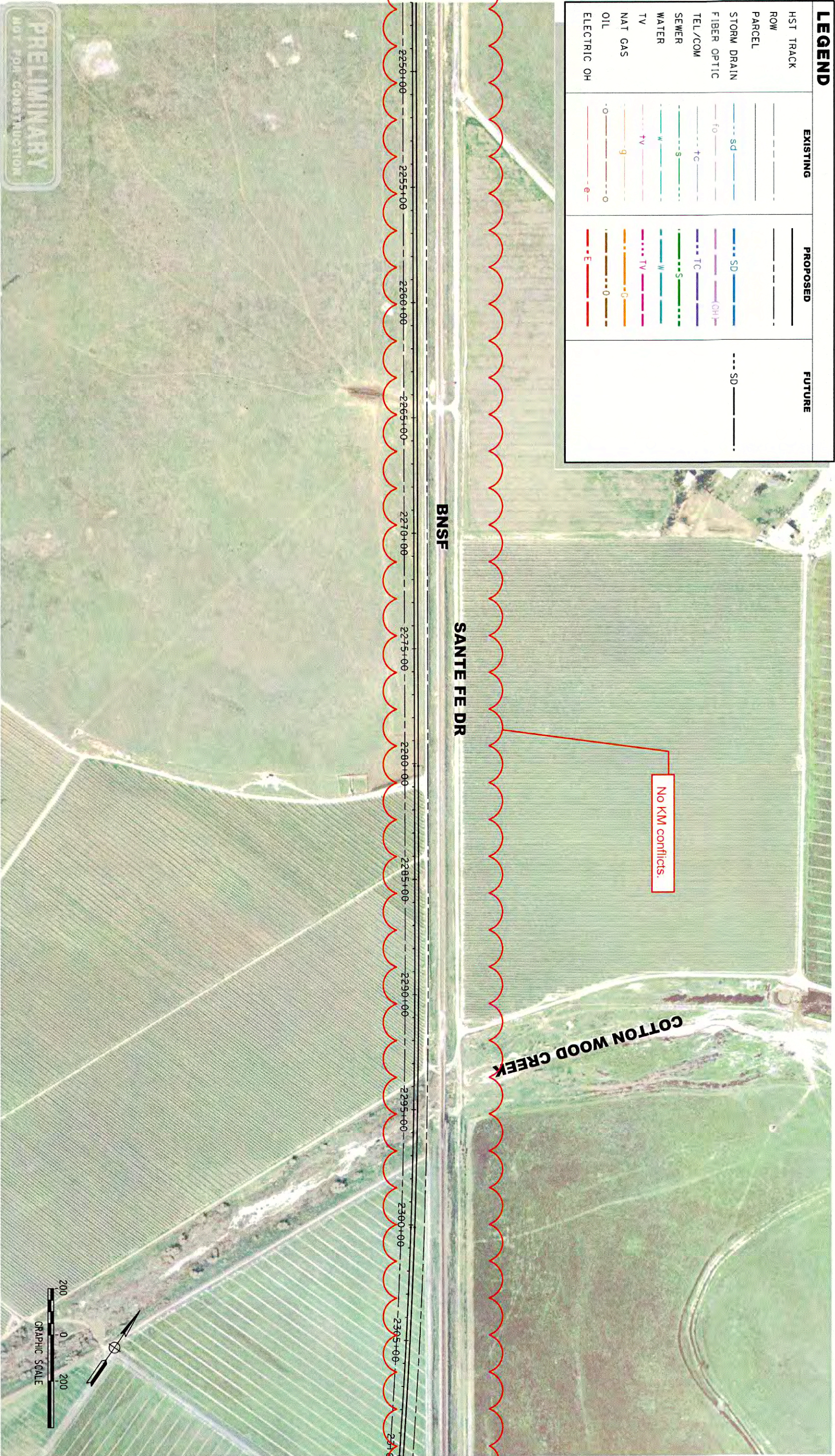
LEGEND		
EXISTING	PROPOSED	FUTURE
HST TRACK	---	---
ROW	---	---
PARCEL	---	---
STORM DRAIN	SD	SD
FIBER OPTIC	FO	FO
TEL/COM	TC	TC
SEWER	S	S
WATER	W	W
TV	TV	TV
NAT GAS	G	G
OIL	O	O
ELECTRIC OH	E	E
		SD



MARCH 2012

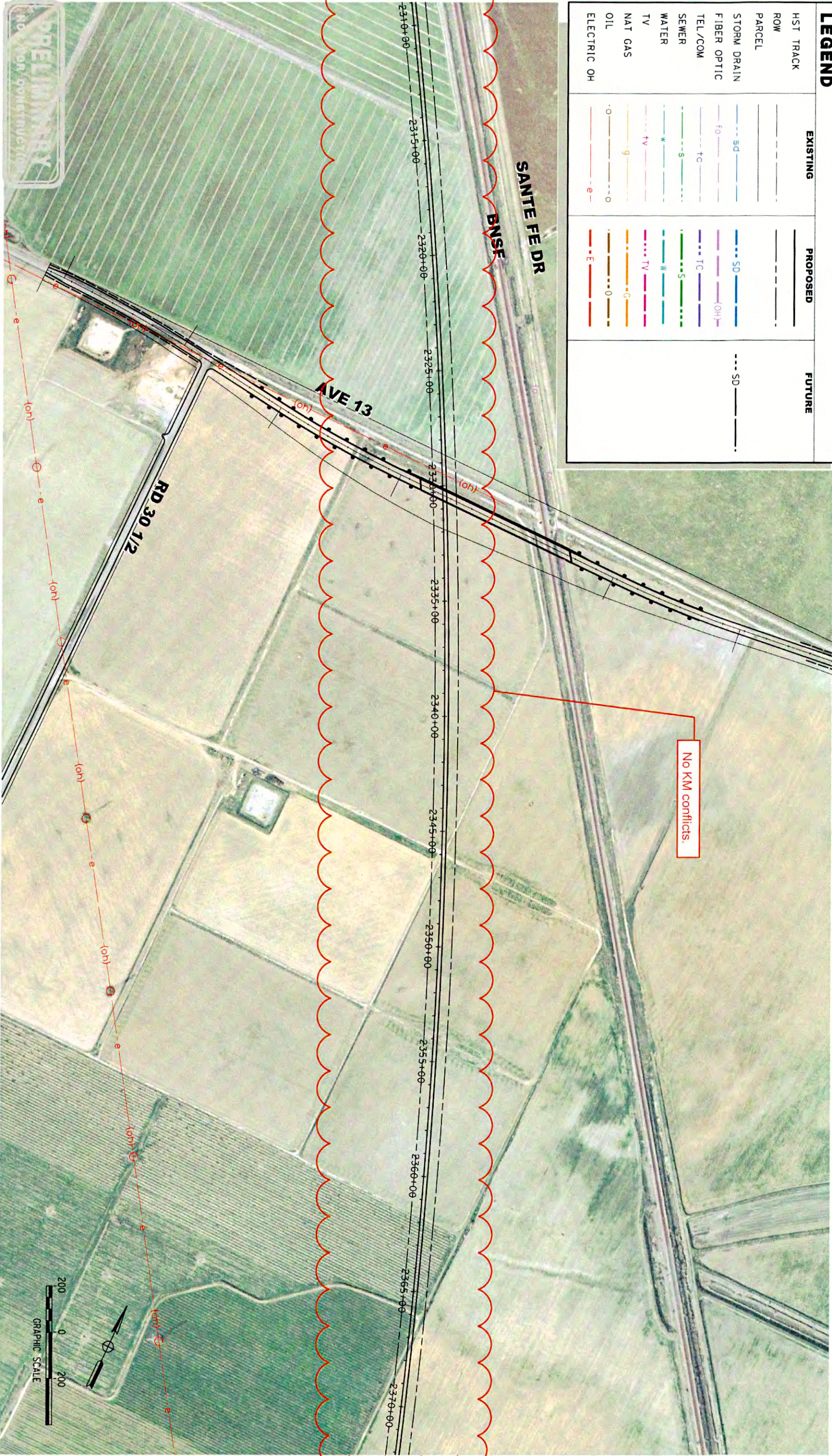


LEGEND		
EXISTING	PROPOSED	FUTURE
HST TRACK	---	---
ROW	---	---
PARCEL	---	---
STORM DRAIN	sd	SD
FIBER OPTIC	fo	FO
TEL/COM	tc	TC
SEWER	s	S
WATER	w	W
TV	tv	TV
NAT GAS	g	G
OIL	o	O
ELECTRIC OH	e	E
		---SD---



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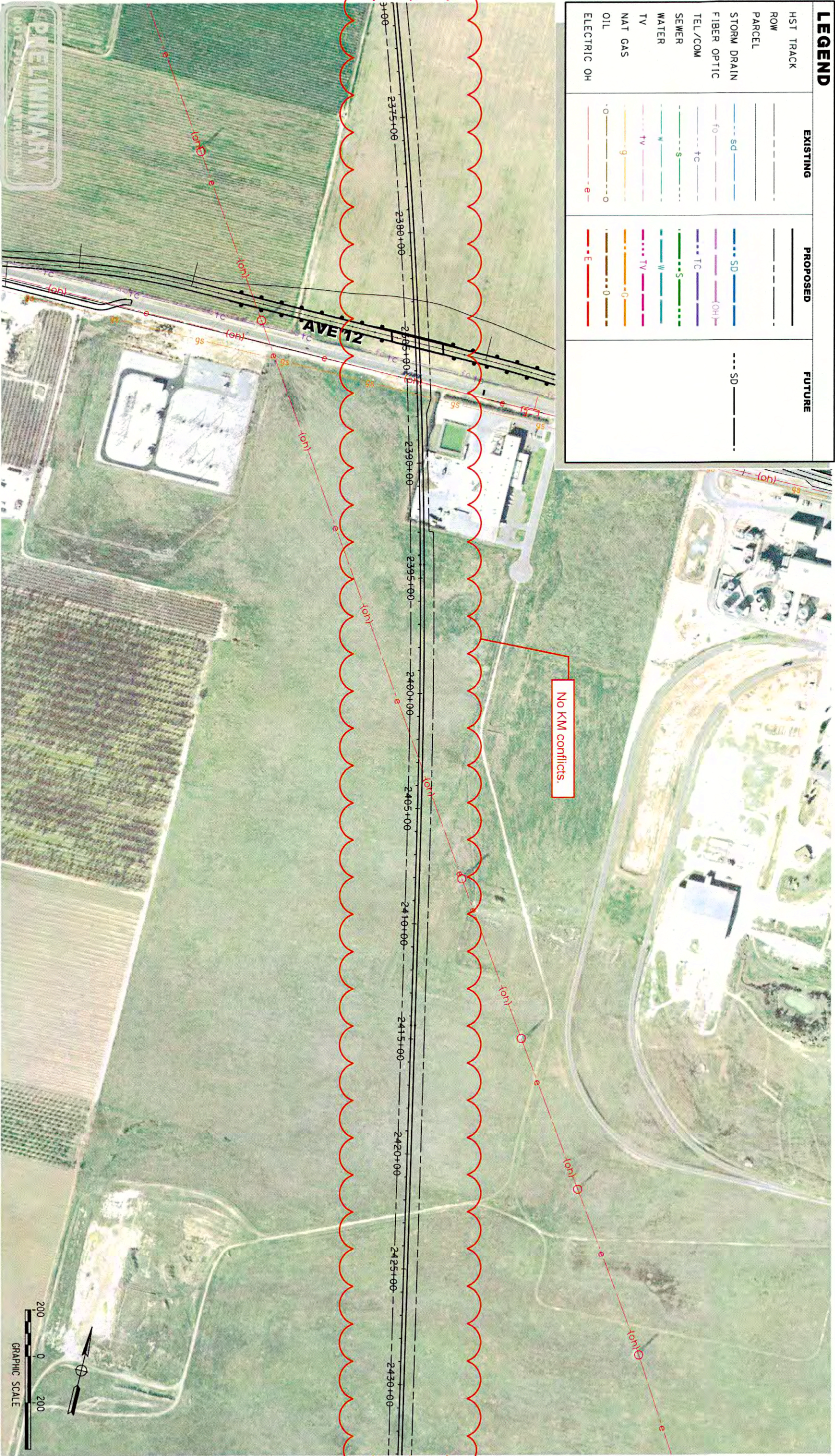
LEGEND		
EXISTING	PROPOSED	FUTURE
HST TRACK	---	---
ROW	---	---
PARCEL	---	---
STORM DRAIN	SD	SD
FIBER OPTIC	FO	FO
TEL/COM	TC	TC
SEWER	SW	SW
WATER	W	W
TV	TV	TV
NAT GAS	NG	NG
OIL	O	O
ELECTRIC OH	E	E



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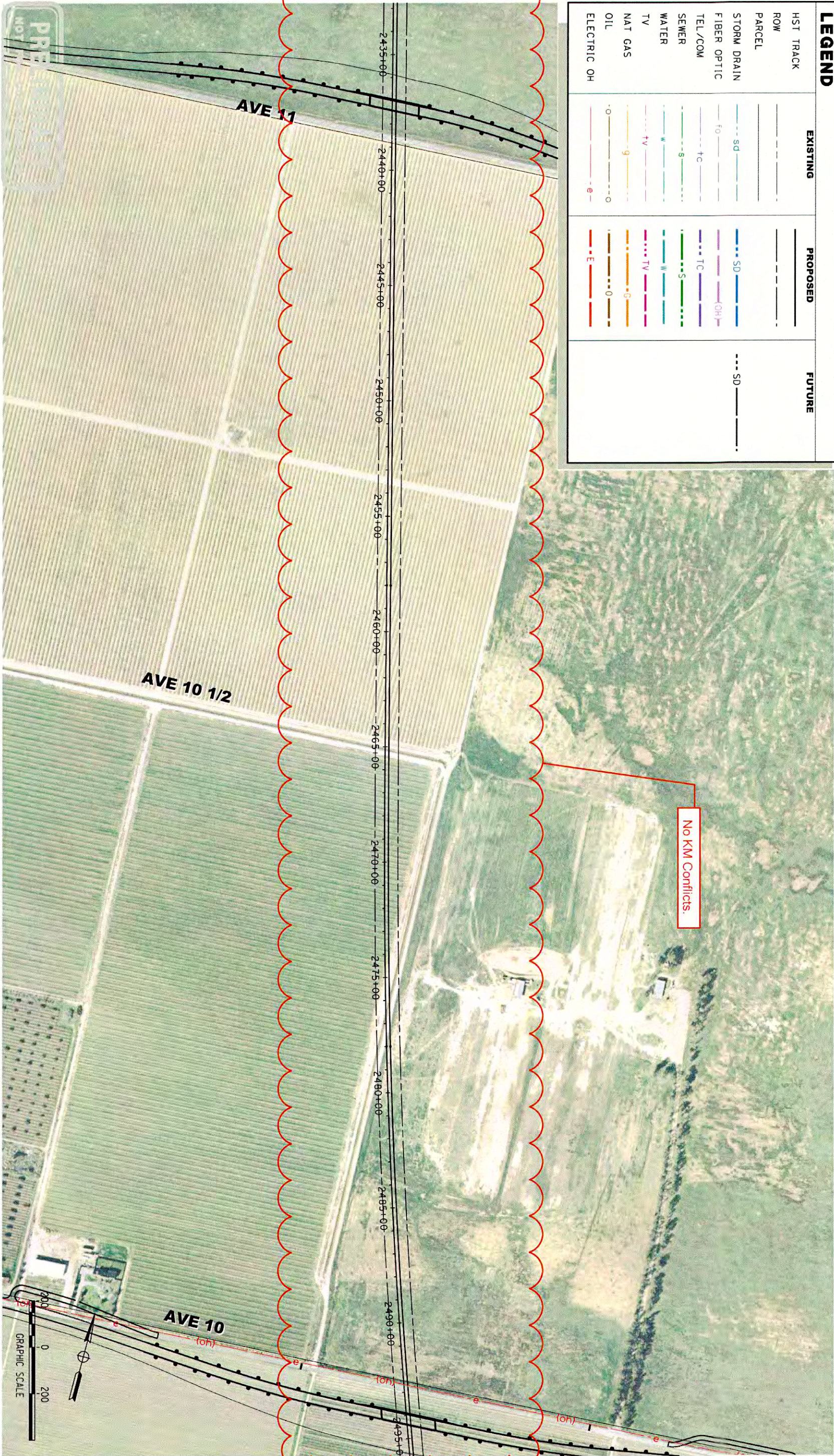


LEGEND		
EXISTING	PROPOSED	FUTURE
HST TRACK	---	---
ROW	---	---
PARCEL	---	---
STORM DRAIN	SD	SD
FIBER OPTIC	FO	FO
TEL/COM	TC	TC
SEWER	S	S
WATER	W	W
TV	TV	TV
NAT GAS	G	G
OIL	O	O
ELECTRIC OH	E	E
		SD



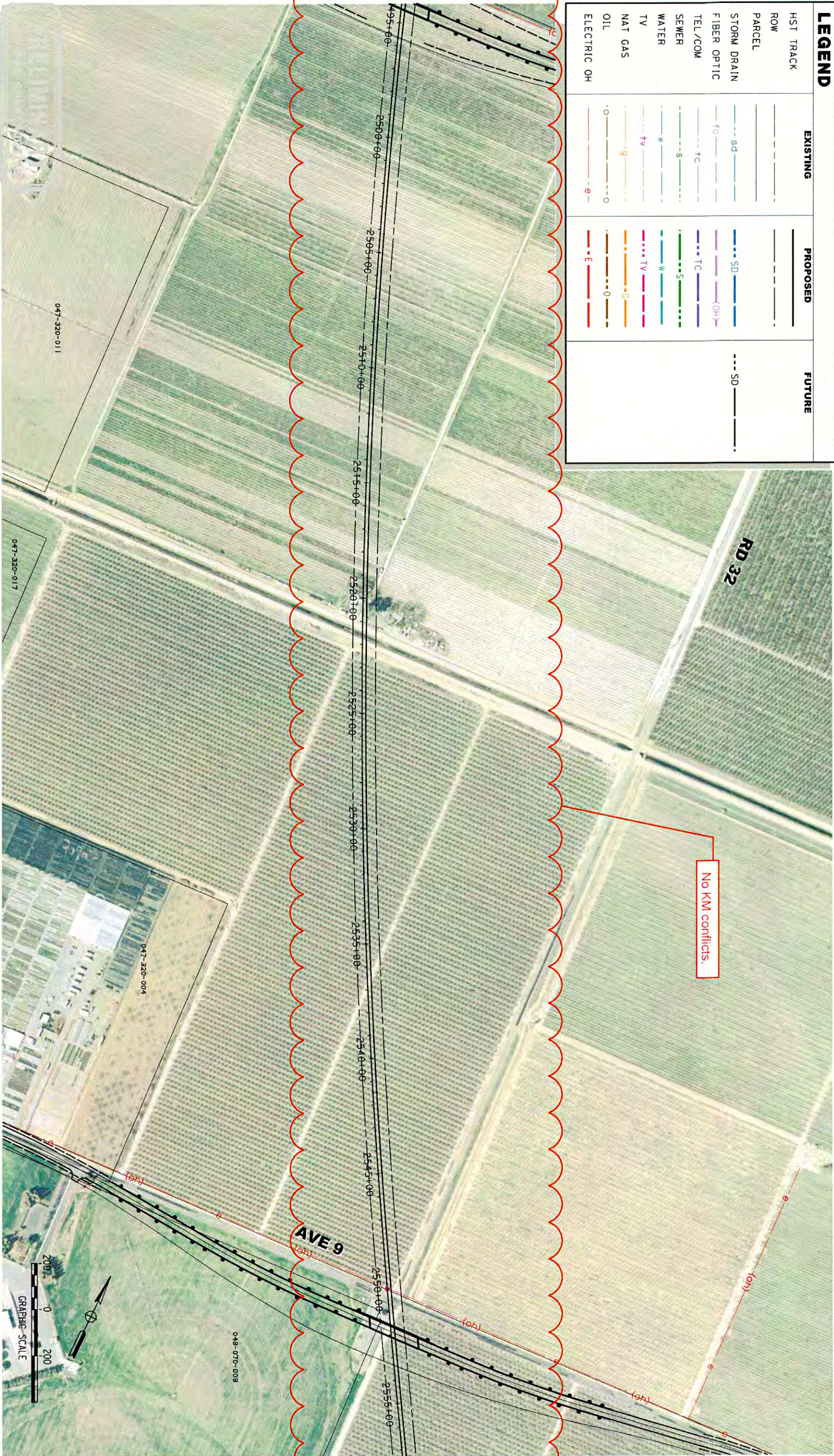
MARCH 2012

LEGEND		
EXISTING	PROPOSED	FUTURE
HST TRACK		
ROW		
PARCEL		
STORM DRAIN	SD	SD
FIBER OPTIC	FO	
TEL./COM	TC	
SEWER	S	
WATER	W	
TV	TV	
NAT GAS	G	
OIL	O	
ELECTRIC OH	E	
		SD



MARCH 2012

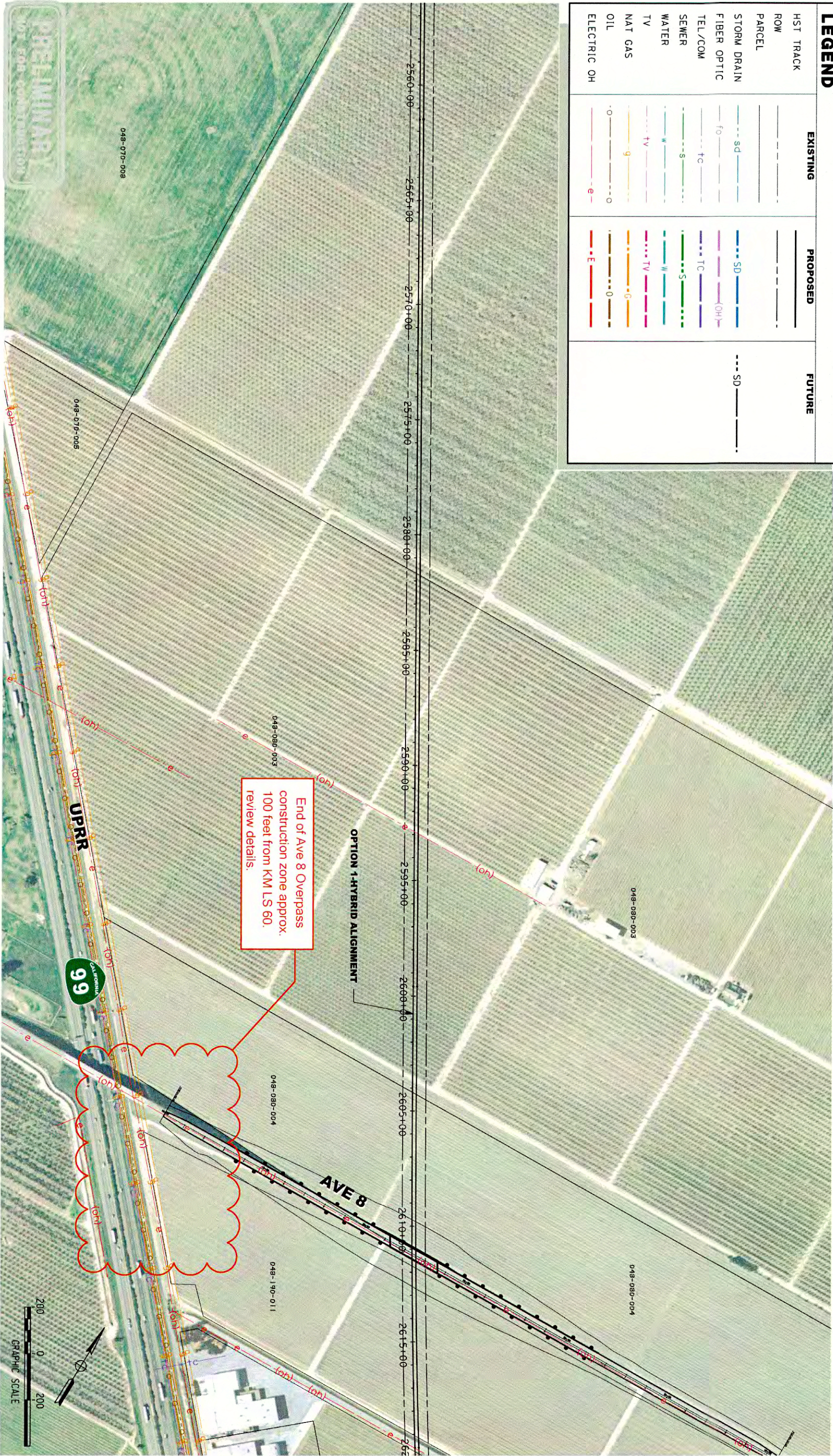
LEGEND		
EXISTING	PROPOSED	FUTURE
HST TRACK		
ROW		
PARCEL		
STORM DRAIN	SD	SD
FIBER OPTIC	FO	
TEL/COM	TC	
SEWER	S	
WATER	W	
TV	TV	
NAT GAS	G	
OIL	O	
ELECTRIC OH	E	



MARCH 2012

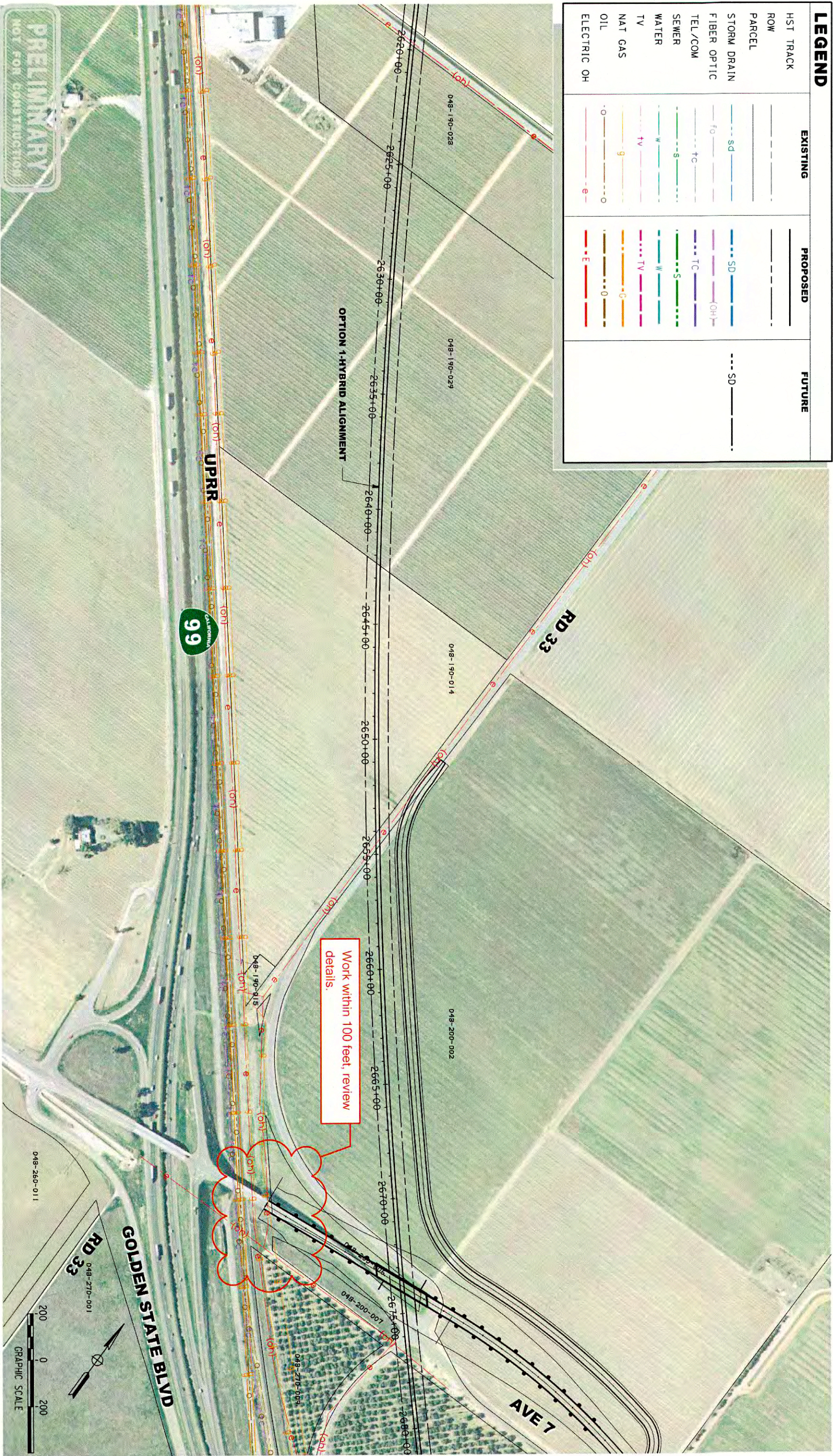


LEGEND		
EXISTING	PROPOSED	FUTURE
HST TRACK	---	---
ROW	---	---
PARCEL	---	---
STORM DRAIN	sd	SD
FIBER OPTIC	fo	(OH)
TEL/COM	tc	TC
SEWER	s	S
WATER	w	W
TV	tv	TV
NAT GAS	g	G
OIL	o	O
ELECTRIC OH	e	E
		---SD---



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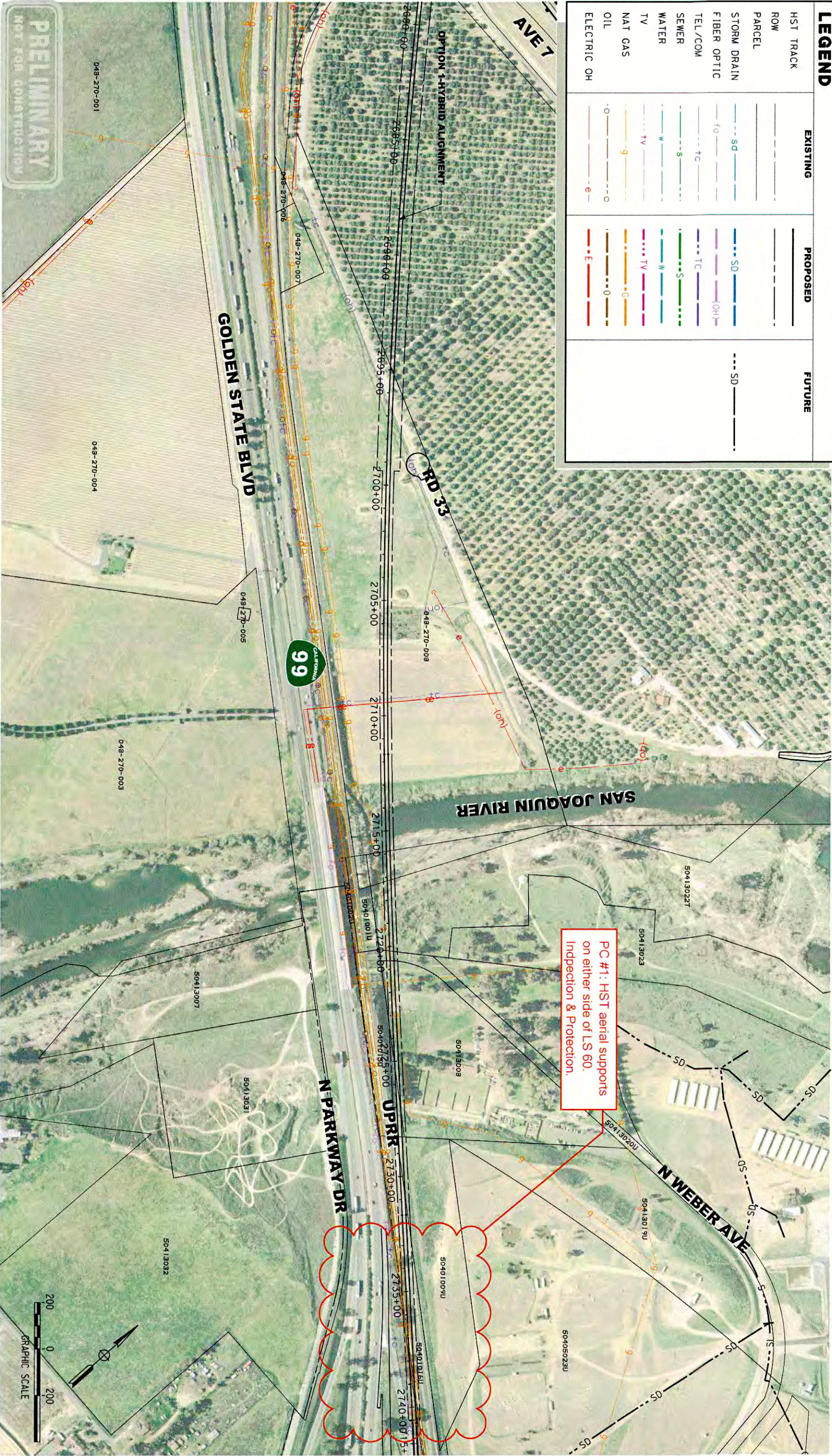
LEGEND		
EXISTING	PROPOSED	FUTURE
HST TRACK	---	---
ROW	---	---
PARCEL	---	---
STORM DRAIN	SD	SD
FIBER OPTIC	FO	FO
TEL/COM	TC	TC
SEWER	S	S
WATER	W	W
TV	TV	TV
NAT GAS	G	G
OIL	O	O
ELECTRIC OH	E	E



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LEGEND		
EXISTING	PROPOSED	FUTURE
HST TRACK	---	---
ROW	---	---
PARCEL	---	---
STORM DRAIN	SD	SD
FIBER OPTIC	FO	---
TEL/COM	TC	---
SEWER	SS	---
WATER	WS	---
TV	TV	---
NAT GAS	NG	---
OIL	OL	---
ELECTRIC OH	EO	---



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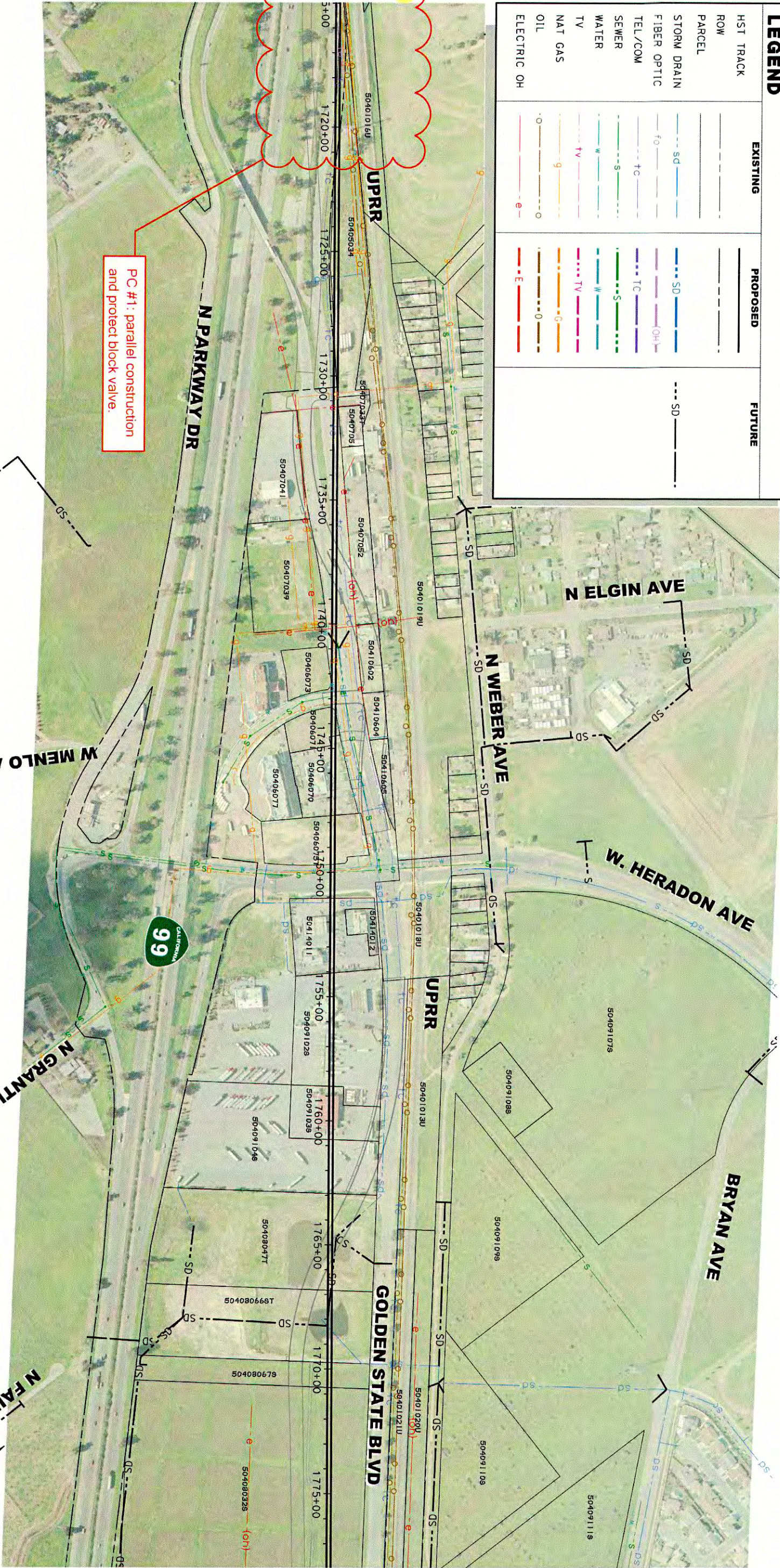
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CALIFORNIA HIGH-SPEED TRAIN PROJECT

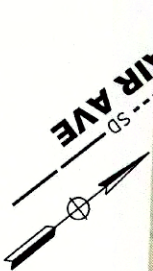
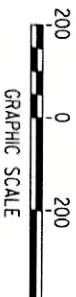
UTILITY EXHIBIT
HYBRID ALTERNATIVE
COUNTY OF MADERA AND CITY OF FRESNO
SHEET 11 OF 25

LEGEND		
EXISTING	PROPOSED	FUTURE
HST TRACK	---	---
ROW	---	---
PARCEL	---	---
STORM DRAIN	SD	SD
FIBER OPTIC	FO	---
TEL/COM	TC	---
SEWER	S	---
WATER	W	---
TV	TV	---
NAT GAS	G	---
OIL	O	---
ELECTRIC OH	E	---

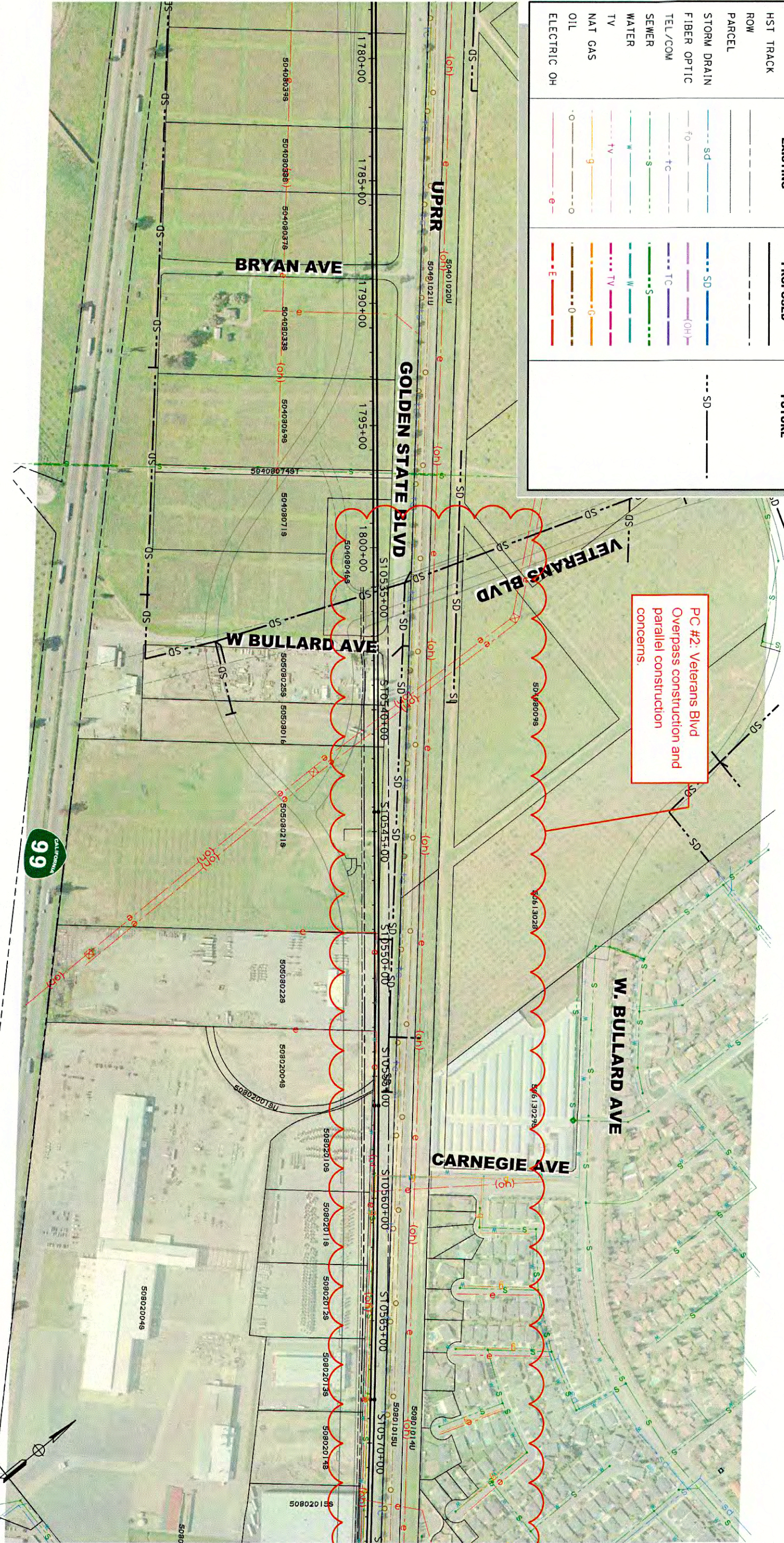


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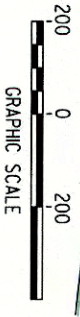


LEGEND		
EXISTING	PROPOSED	FUTURE
HST TRACK		
ROW		
PARCEL		
STORM DRAIN	SD	SD
FIBER OPTIC	FO	
TEL/COM	TC	
SEWER	S	
WATER	W	
TV	TV	
NAT GAS	G	
OIL	O	
ELECTRIC OH	E	

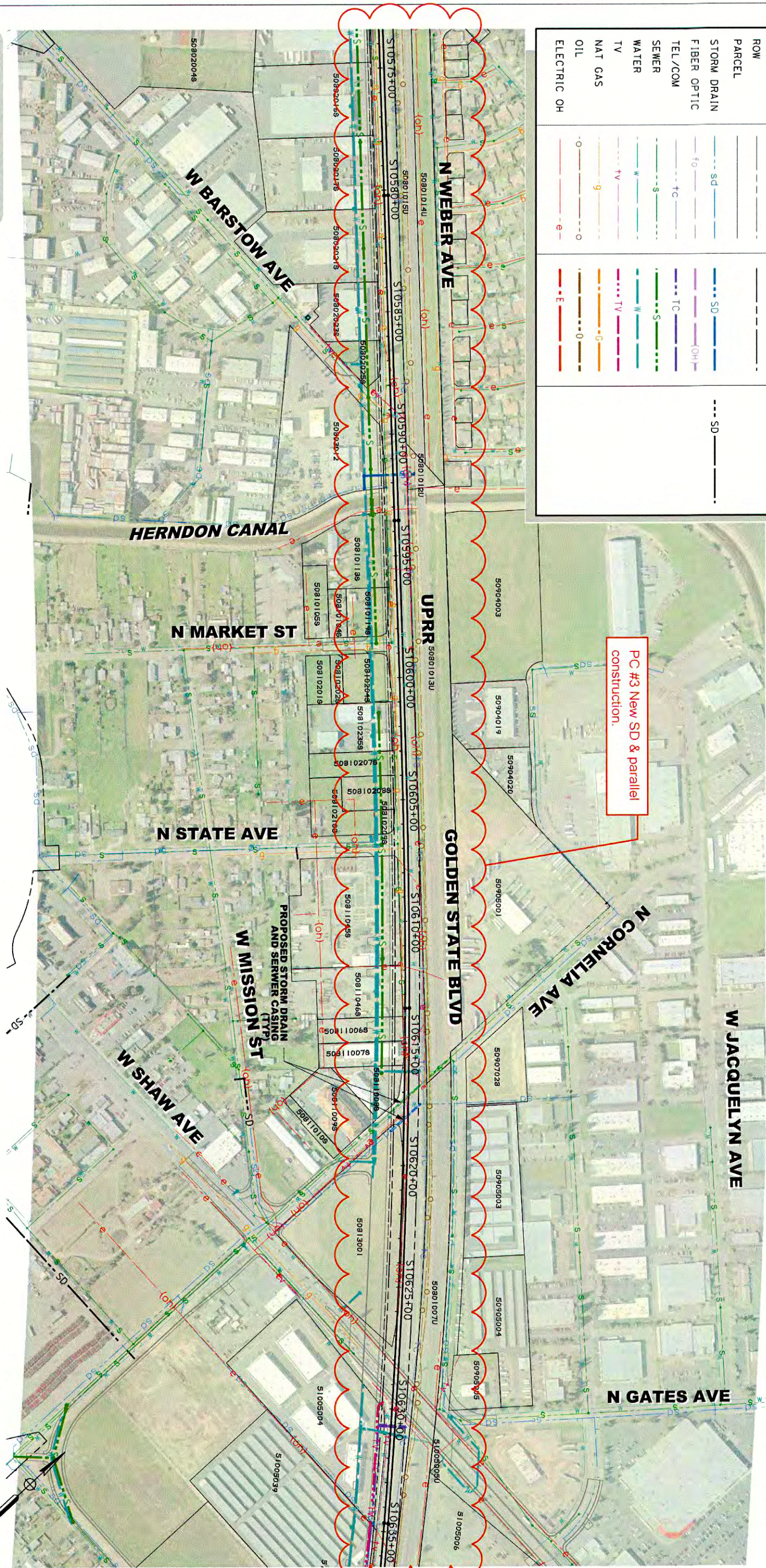


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LEGEND		
EXISTING	PROPOSED	FUTURE
HST TRACK	---	---
ROW	---	---
PARCEL	---	---
STORM DRAIN	sd	sd
FIBER OPTIC	fo	fo
TEL/COM	tc	tc
SEWER	s	s
WATER	w	w
TV	tv	tv
NAT GAS	g	g
OIL	o	o
ELECTRIC OH	e	e

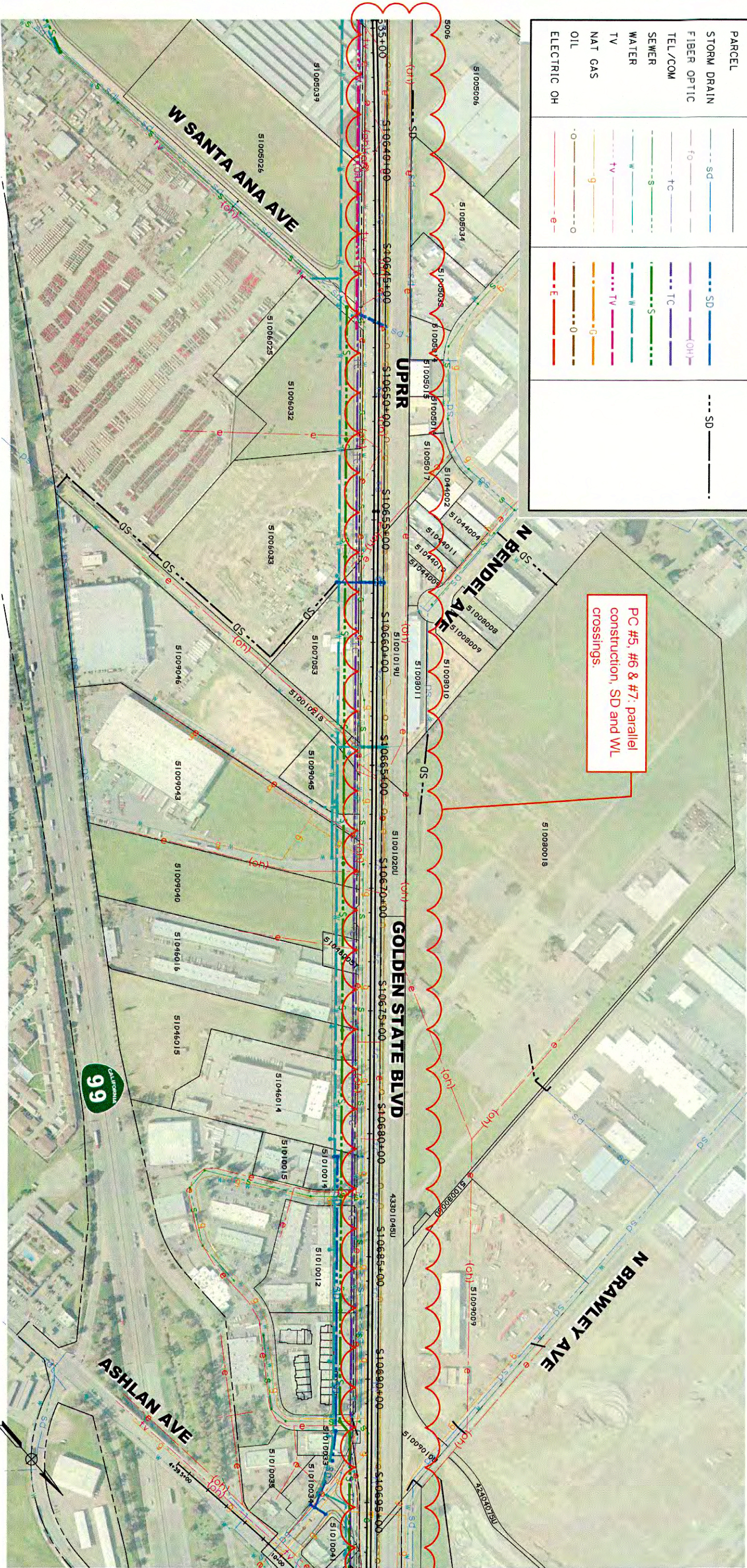


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LEGEND		
EXISTING	PROPOSED	FUTURE
HST TRACK	---	---
ROW	---	---
PARCEL	---	---
STORM DRAIN	SD	SD
FIBER OPTIC	FO	---
TEL/COM	TC	---
SEWER	S	---
WATER	W	---
TV	TV	---
NAT GAS	G	---
OIL	O	---
ELECTRIC OH	E	---

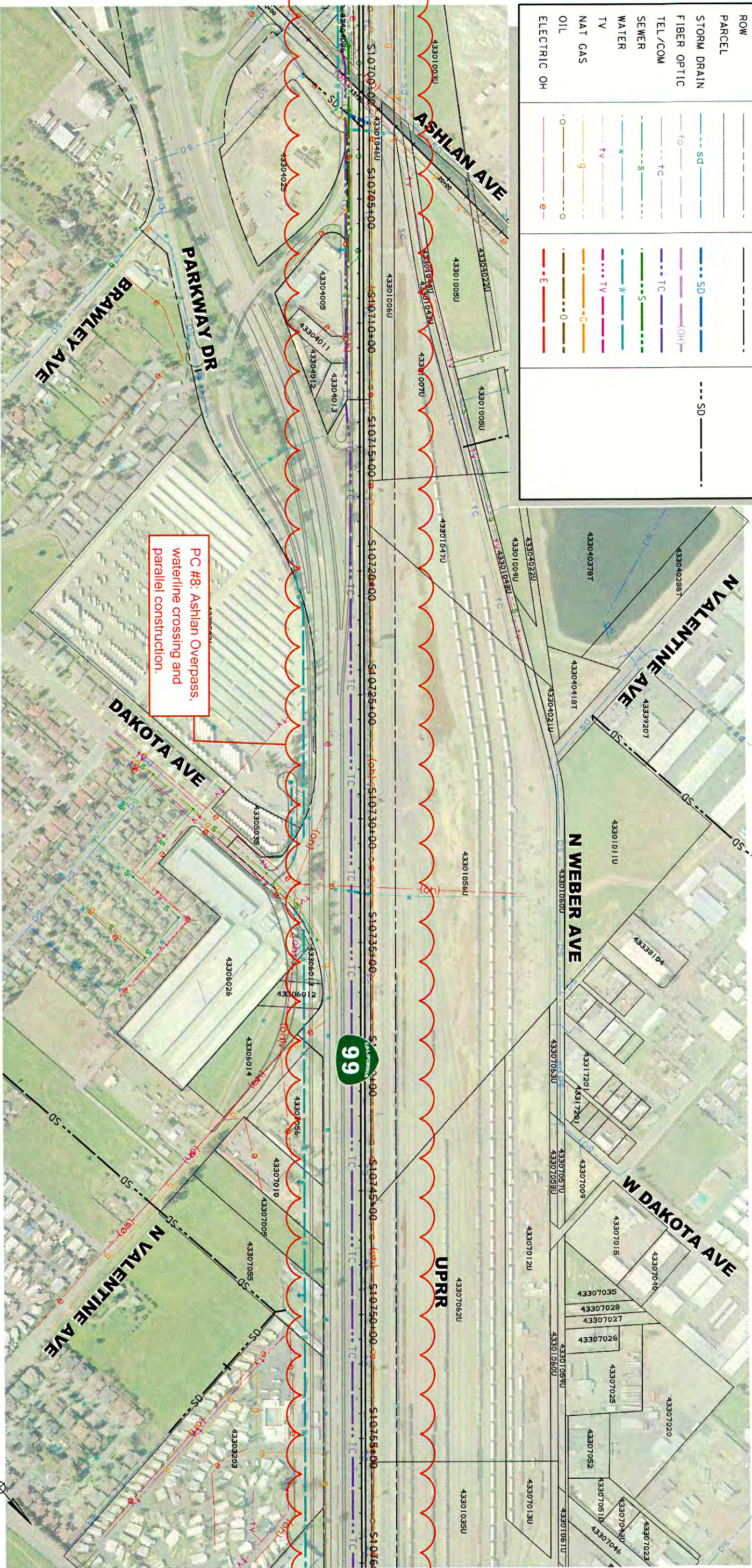


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LEGEND		
EXISTING	PROPOSED	FUTURE
HST TRACK		
ROW		
PARCEL		
STORM DRAIN	SD	SD
FIBER OPTIC	FO	
TEL/COM	TC	
SEWER	S	
WATER	W	
TV	TV	
NAT GAS	G	
OIL	O	
ELECTRIC OH	E	

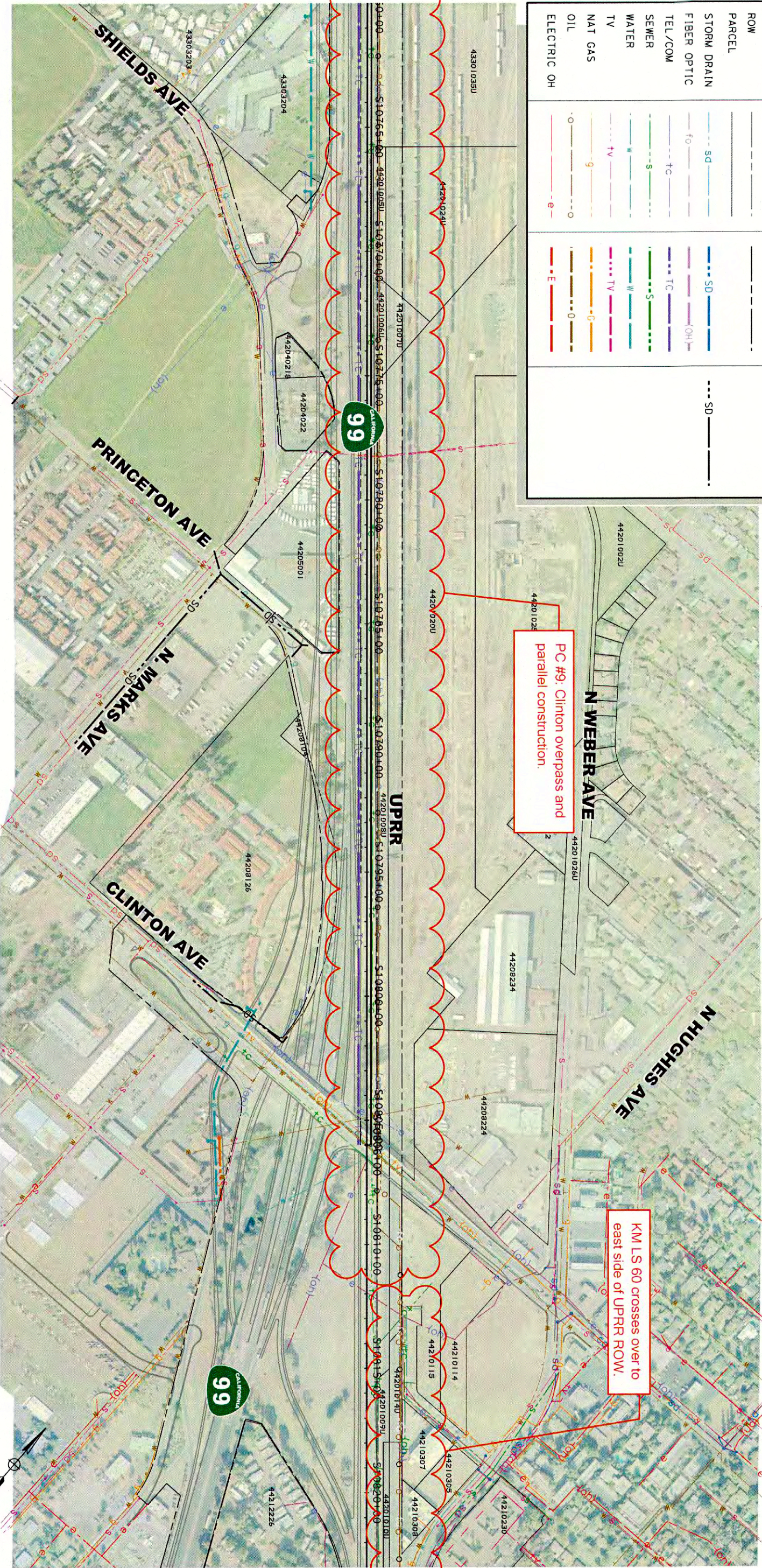


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LEGEND		
EXISTING	PROPOSED	FUTURE
HST TRACK	---	---
ROW	---	---
PARCEL	---	---
STORM DRAIN	SD	SD
FIBER OPTIC	FO	---
TEL/COM	TC	---
SEWER	S	---
WATER	W	---
TV	TV	---
NAT GAS	G	---
OIL	O	---
ELECTRIC OH	E	---
		SD

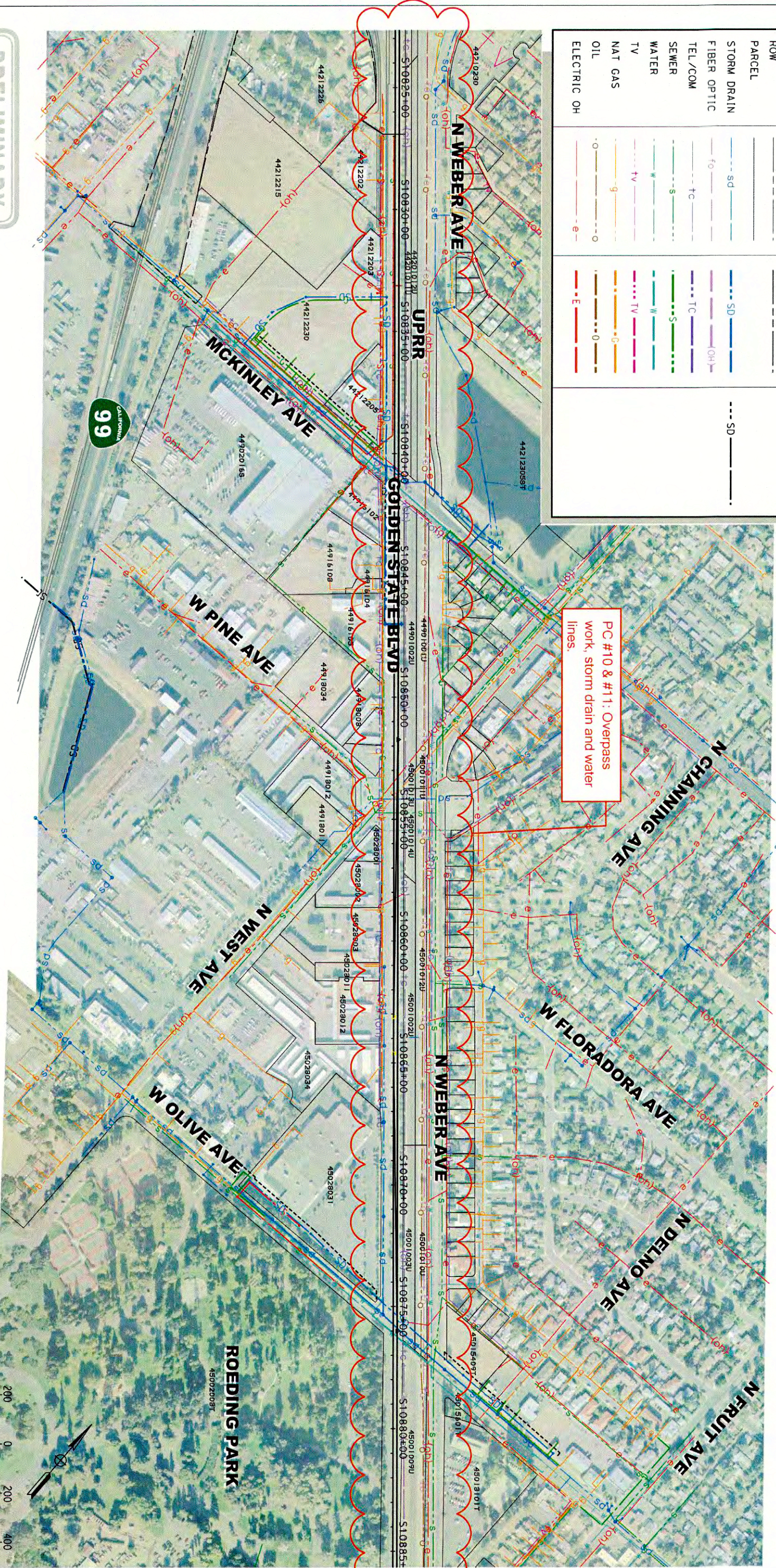


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LEGEND		
EXISTING	PROPOSED	FUTURE
HST TRACK	---	---
ROW	---	---
PARCEL	---	---
STORM DRAIN	SD	SD
FIBER OPTIC	FO	---
TEL/COM	TC	---
SEWER	S	---
WATER	W	---
TV	TV	---
NAT GAS	G	---
OIL	O	---
ELECTRIC OH	E	---
		SD

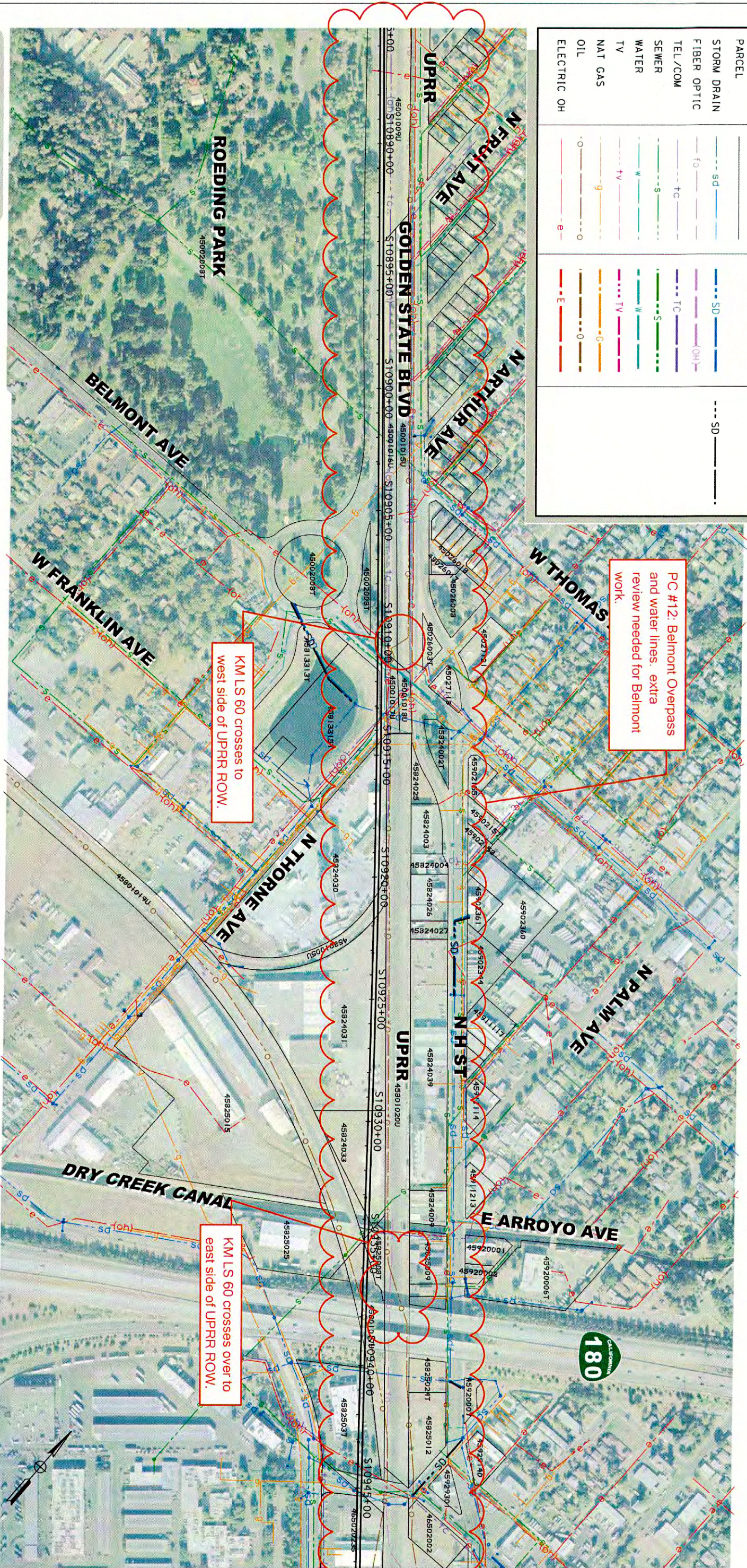


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LEGEND		
EXISTING	PROPOSED	FUTURE
HST TRACK	---	---
ROW	---	---
PARCEL	---	---
STORM DRAIN	SD	SD
FIBER OPTIC	FO	FO
TEL/COM	TC	TC
SEWER	S	S
WATER	W	W
TV	TV	TV
NAT GAS	G	G
OIL	O	O
ELECTRIC OH	E	E
		SD



PC #12: Belmont Overpass and water lines, extra review needed for Belmont work.

KM LS 60 crosses to west side of UPRR ROW.

KM LS 60 crosses over to east side of UPRR ROW.

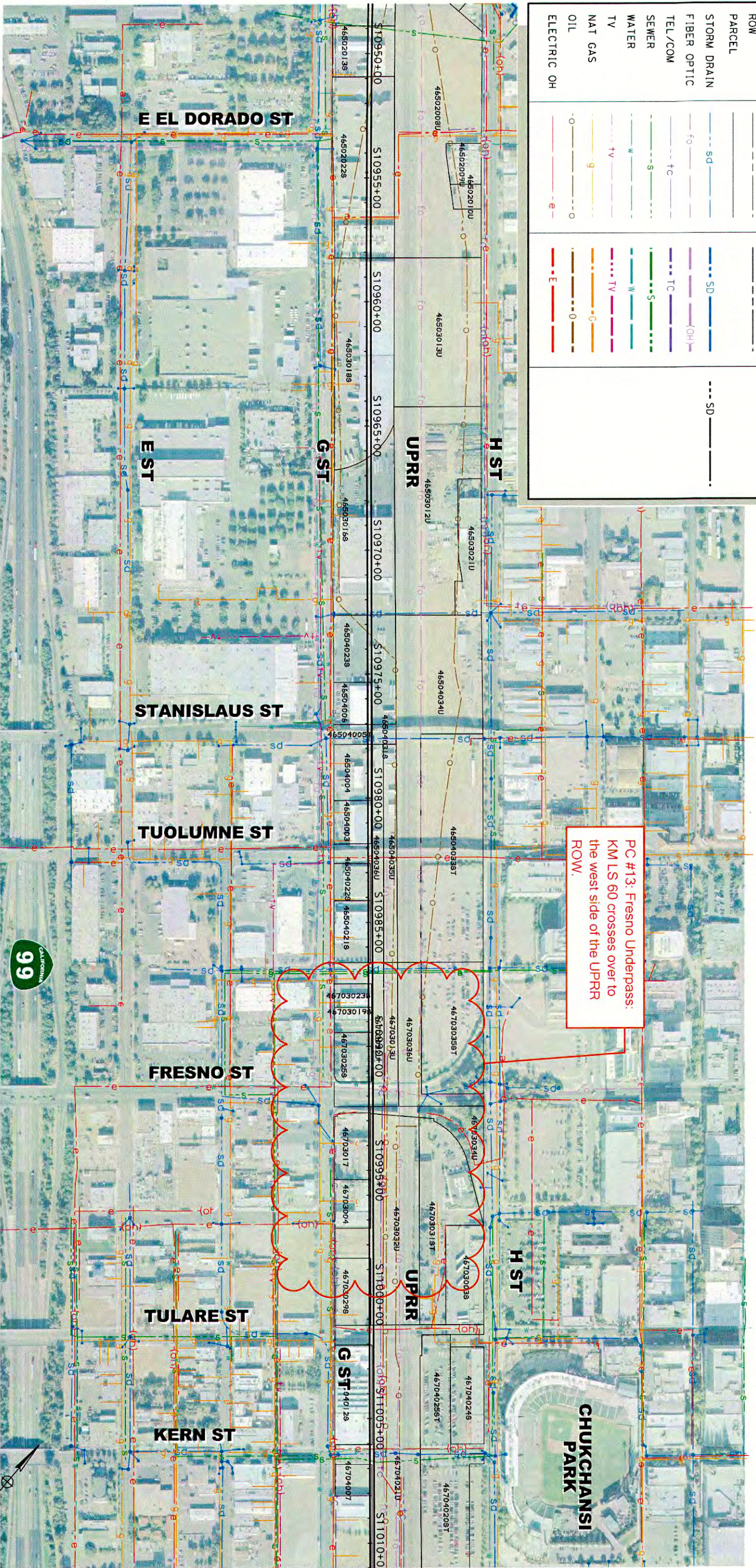


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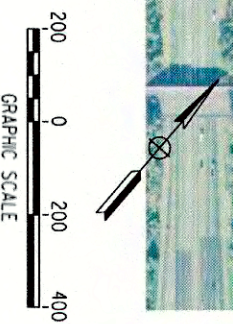


LEGEND		
EXISTING	PROPOSED	FUTURE
HST TRACK	---	---
ROW	---	---
PARCEL	---	---
STORM DRAIN	sd	sd
FIBER OPTIC	fo	fo
TEL/COM	tc	tc
SEWER	s	s
WATER	w	w
TV	tv	tv
NAT GAS	g	g
OIL	o	o
ELECTRIC OH	e	e
		---SD---

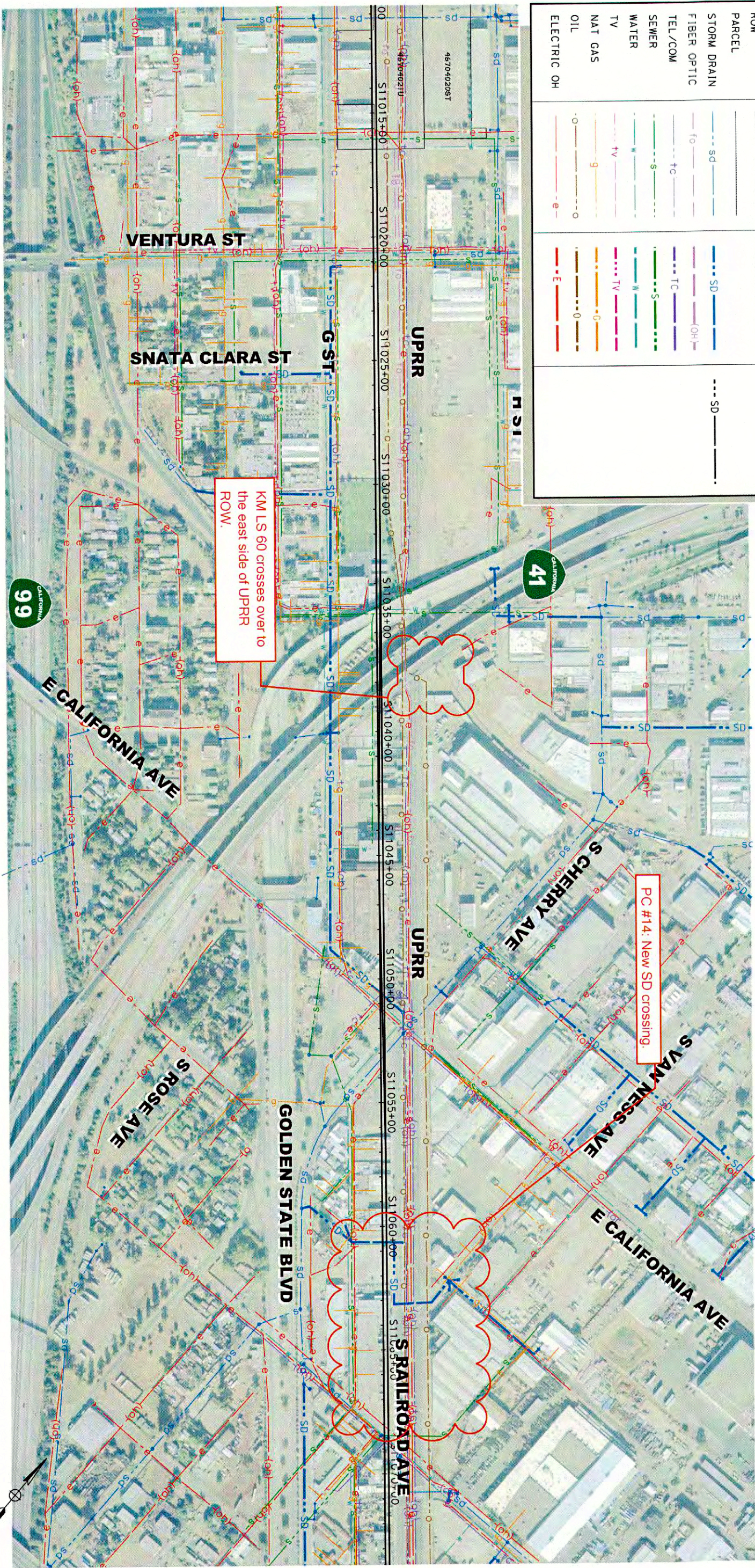


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LEGEND		
EXISTING	PROPOSED	FUTURE
HST TRACK		
ROW		
PARCEL		
STORM DRAIN	SD	SD
FIBER OPTIC	FO	
TEL/COM	TC	
SEWER	S	
WATER	W	
TV	TV	
NAT GAS	G	
OIL	O	
ELECTRIC OH	E	
		SD

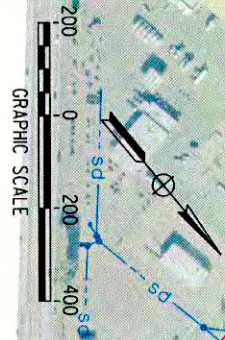
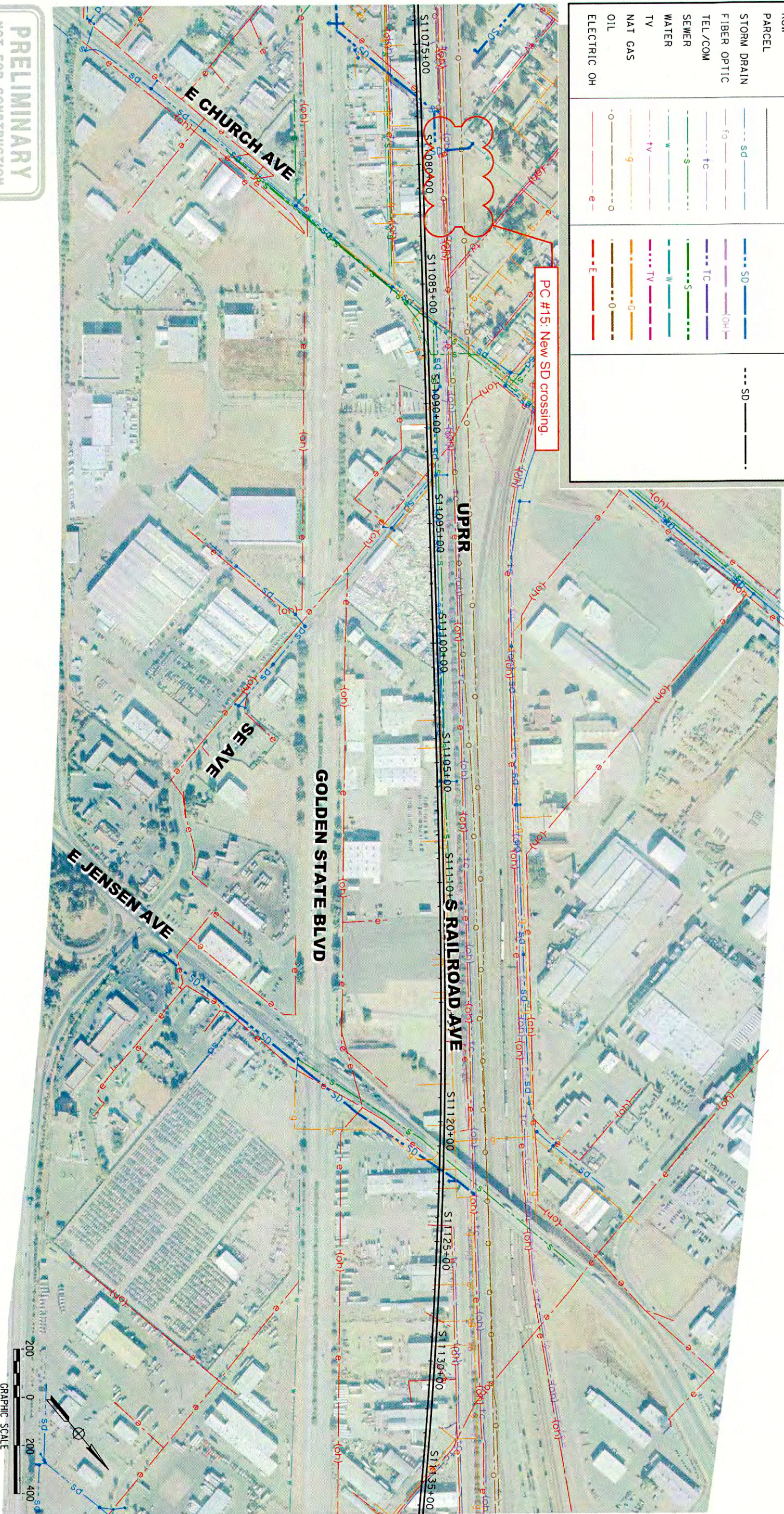


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LEGEND		
EXISTING	PROPOSED	FUTURE
HST TRACK	---	---
ROW	---	---
PARCEL	---	---
STORM DRAIN	SD	SD
FIBER OPTIC	FO	FO
TEL/COM	TC	TC
SEWER	S	S
WATER	W	W
TV	TV	TV
NAT GAS	G	G
OIL	O	O
ELECTRIC OH	E	E
		SD



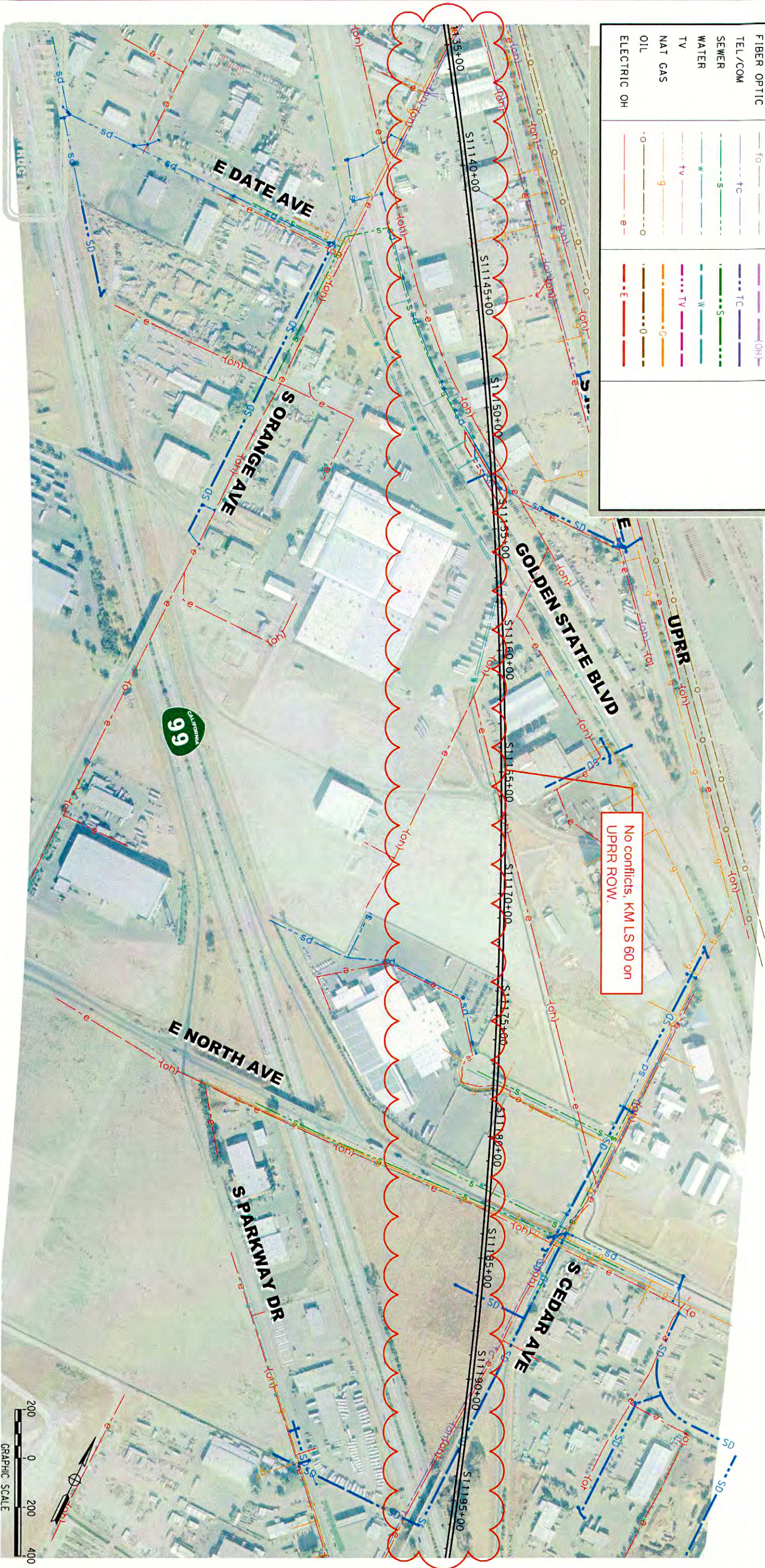
GRAPHIC SCALE

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LEGEND		
EXISTING	PROPOSED	FUTURE
HST TRACK	---	---
ROW	---	---
PARCEL	---	---
STORM DRAIN	SD	SD
FIBER OPTIC	FO	---
TEL/COM	TC	---
SEWER	S	---
WATER	W	---
TV	TV	---
NAT GAS	G	---
OIL	O	---
ELECTRIC OH	E	---
		SD



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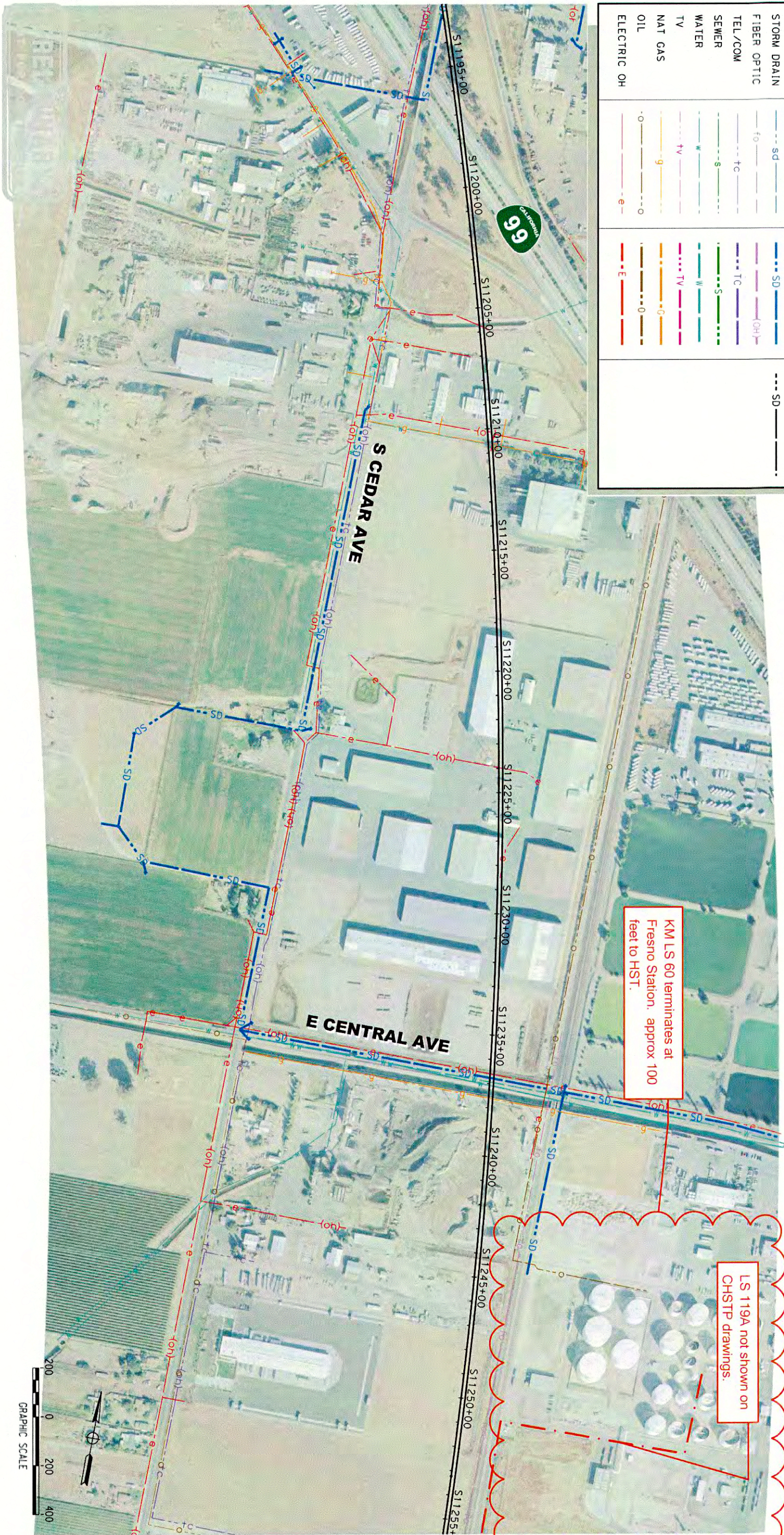


CALIFORNIA
HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED TRAIN PROJECT

UTILITY EXHIBIT
HYBRID ALTERNATIVE
CITY OF FRESNO
SHEET 23 OF 25

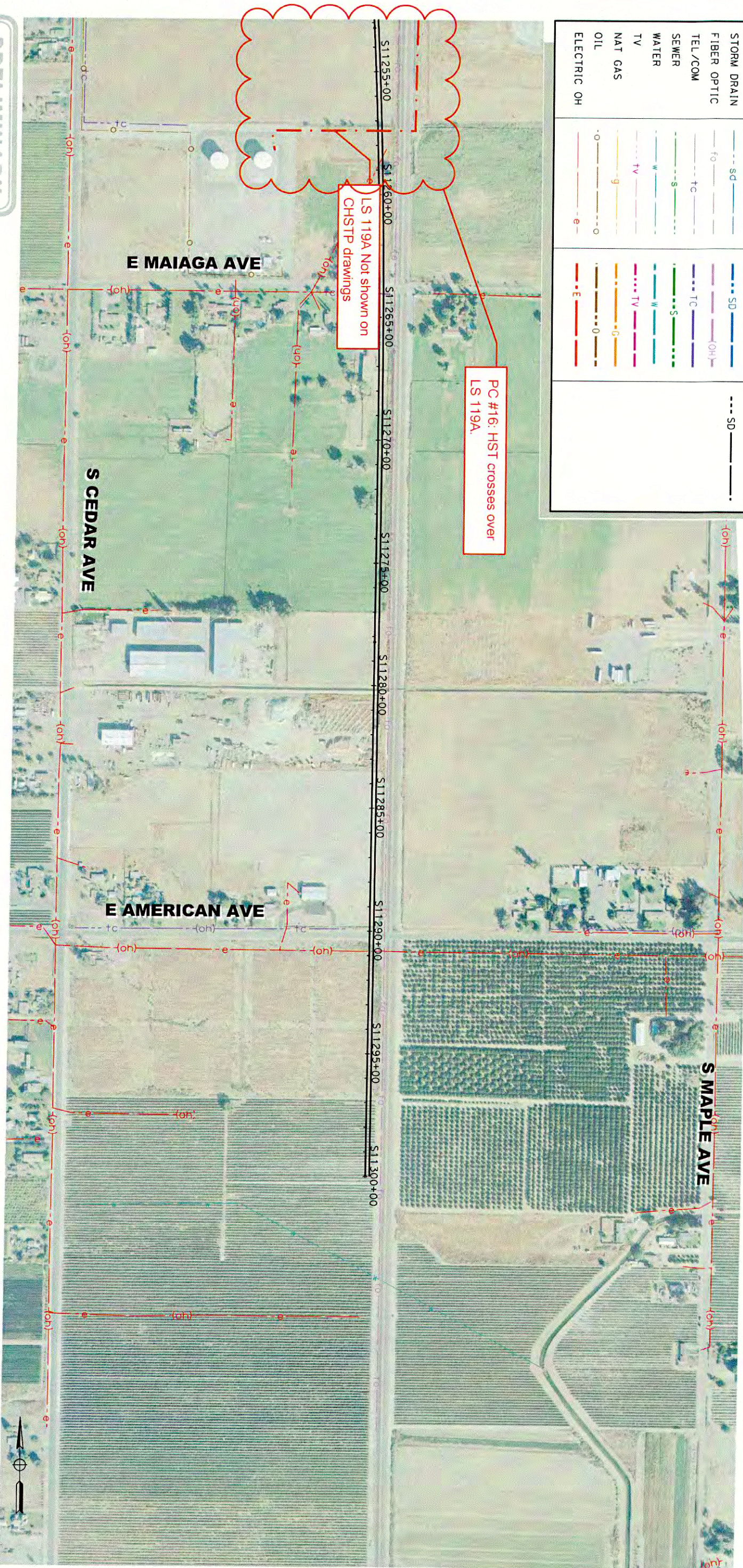
LEGEND		
EXISTING	PROPOSED	FUTURE
HST TRACK	---	---
ROW	---	---
PARCEL	---	---
STORM DRAIN	SD	SD
FIBER OPTIC	FO	FO
TEL/COM	TC	TC
SEWER	S	S
WATER	W	W
TV	TV	TV
NAT GAS	G	G
OIL	O	O
ELECTRIC OH	E	E
		SD



MARCH 2012



LEGEND		
EXISTING	PROPOSED	FUTURE
HST TRACK	---	---
ROW	---	---
PARCEL	---	---
STORM DRAIN	SD	SD
FIBER OPTIC	FO	---
TEL/COM	TC	---
SEWER	S	---
WATER	W	---
TV	TV	---
NAT GAS	G	---
OIL	O	---
ELECTRIC OH	E	---



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